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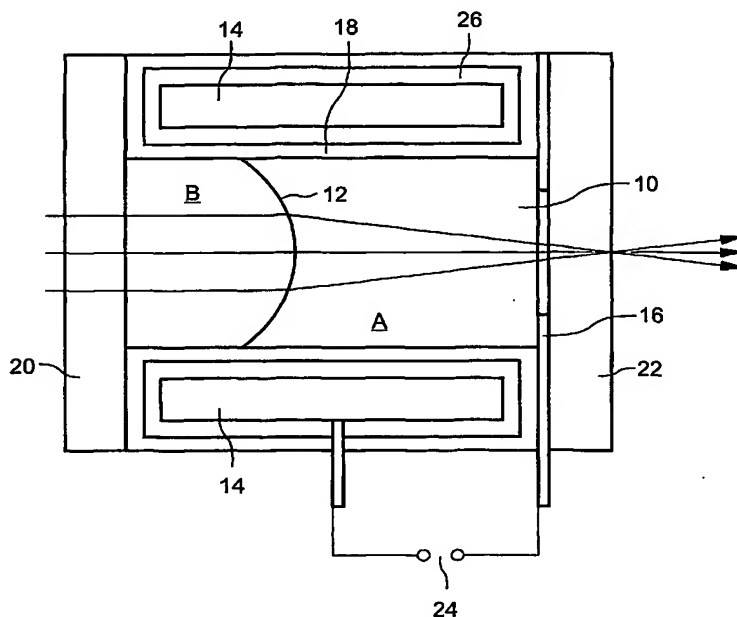
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(54) Title: VARIABLE FOCUS LENS



(57) Abstract: An achromatic electrowetting lens is provided. This is achieved by a particular choice of the parameters  $n$ ,  $n_2$ ,  $V$ , and  $V_2$ , wherein  $n$  is the refractive index and  $V$  is the Abbe number. By fulfilling the relations: Formula (I) an achromatization of the electrowetting lens is achieved.

$$0.75 < \frac{V_1(n_2 - 1)}{V_2(n_1 - 1)} < 1.25$$

(I)



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